

1990

the nineteen nineties and beyond

This year marks the 70th anniversary of NB Power. There have been many changes in the utility over 70 years and there have been just as many changes in public expectations about NB Power's role in providing a service vital to New Brunswickers. Certain expectations, however, have remained fairly constant: the public's expectation that NB

Power will produce a reliable supply of electricity at an acceptable price, that it will demonstrate a constant concern for the environment, and that it will encourage energy conservation.

NB Power has several major construction projects currently underway throughout the province. These projects are important if the utility is

to meet the growing energy demands of the 1990s and beyond.

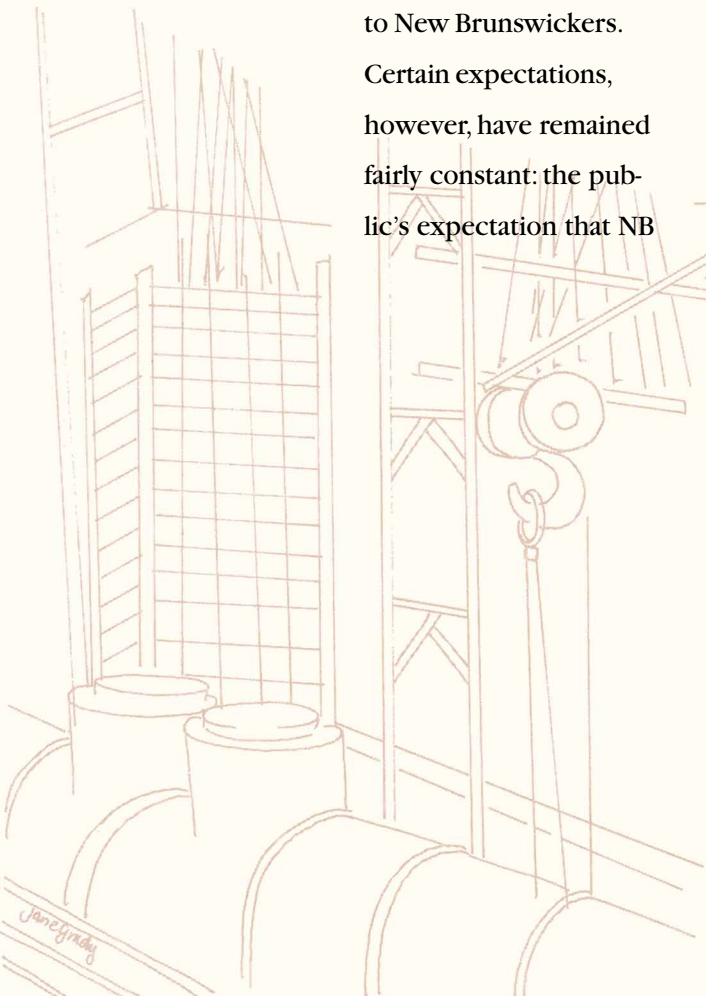
Construction of the 450 megawatt Belledune generating station is presently underway.

Recently a major contract valued at \$120 million was awarded to purchase five large combustion turbines for installation at Millbank and Ste Rose.

Several research and



Belledune generating station under construction, 1990



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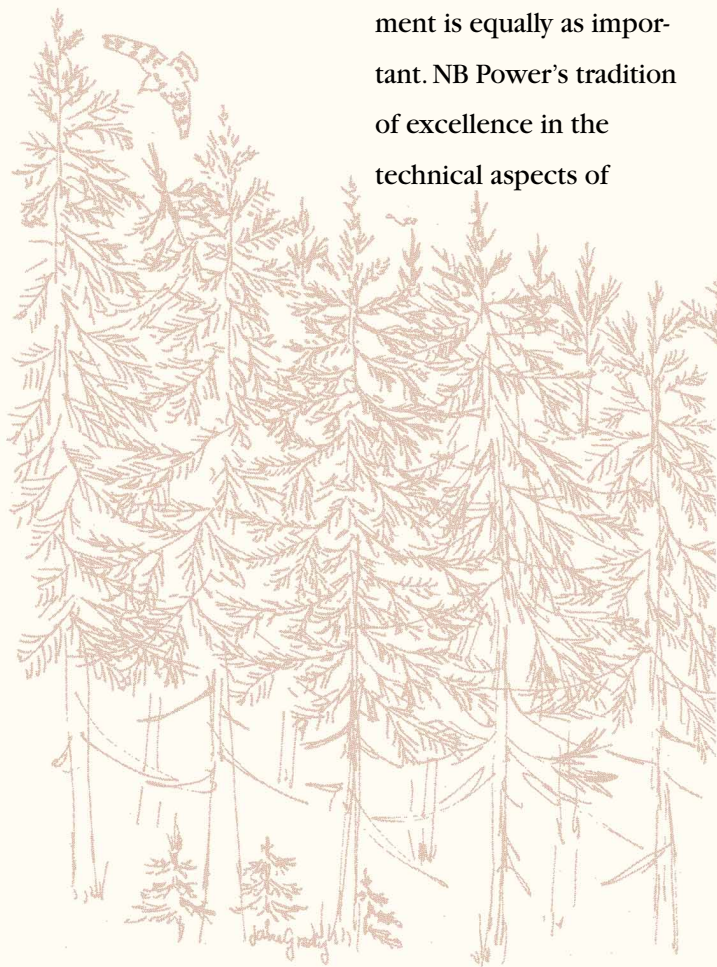
development and training programs are ongoing in the Saint John area.

Though developing new sources of electrical generation to meet the growing demands of New Brunswickers is important, maintaining due concern for the environment is equally as important. NB Power's tradition of excellence in the technical aspects of

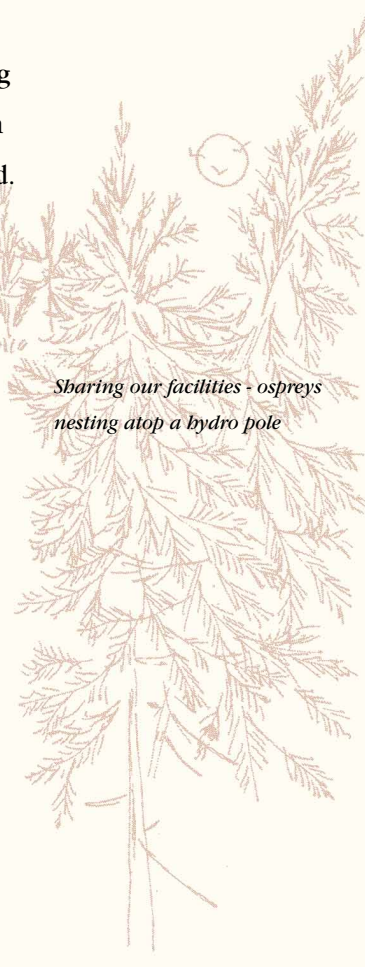
generating electricity is matched by its innovation in environmental protection. It has attempted to address environmental issues as they have emerged. The utility is doing its part to reduce emissions from its thermal generating stations. It has installed environmental control systems to remove particulate and help regulate plant air emis-

sions. It is committed to a federal-provincial sulphur dioxide emission reduction program. Furthermore, at Belledune, NB Power is installing a "scrubber" to reduce SO₂ emissions.

Both energy conservation and efficiency play an important role in the environmental planning process, although often they are not recognized.



Sharing our facilities - ospreys nesting atop a hydro pole



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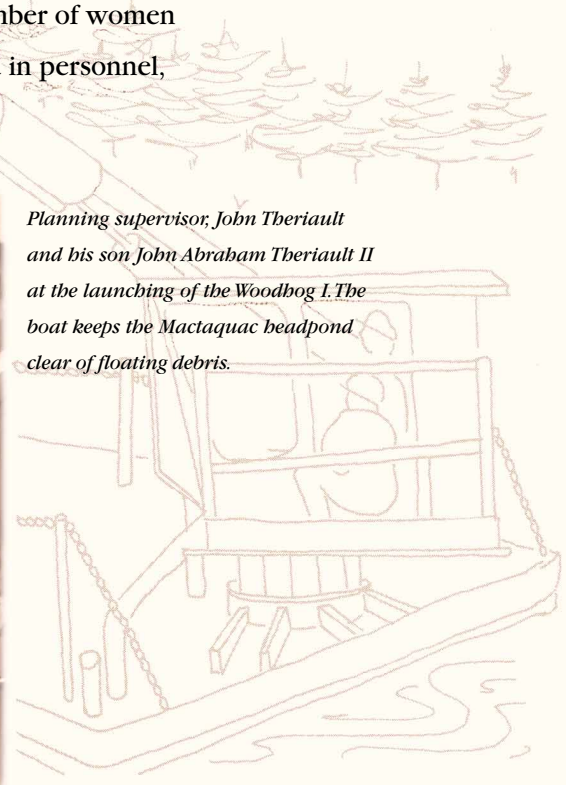
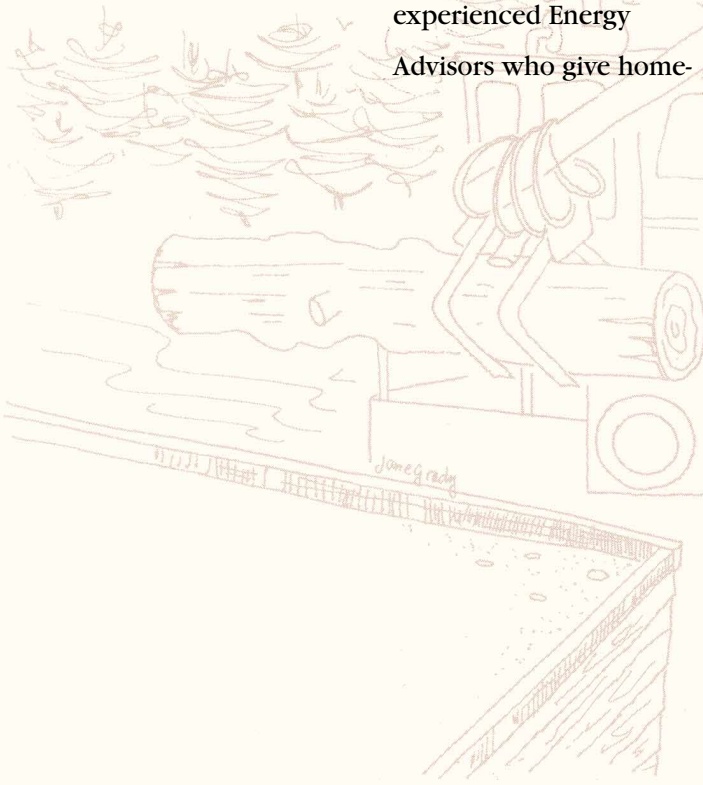
Over the years, NB Power has introduced a number of energy conservation programs to help customers improve energy efficiency in their homes and businesses. In the spring of 1990 NB Power launched the first of its “Energy Wise” programs. The “Home Energy Check” provides free home energy audits by experienced Energy Advisors who give home-

owners advice on how to save energy. To date, some 1,700 home visits have been made throughout the province. As a result of programs fostered or supported by NB Power, nearly \$50 million has already been invested within the province on energy conservation measures.

NB Power is also attempting to meet the challenges of the 1990s

in the workplace. The “Employment Equity” program strives to identify and correct inequities that exist in the workplace. The gradual progress that has been made in the trades by women and minority groups is balanced by the significant increases made in the professional groups over the past five years. The number of women involved in personnel,

Planning supervisor, John Theriault and his son John Abraham Theriault II at the launching of the Woodbog I. The boat keeps the Mactaquac headpond clear of floating debris.



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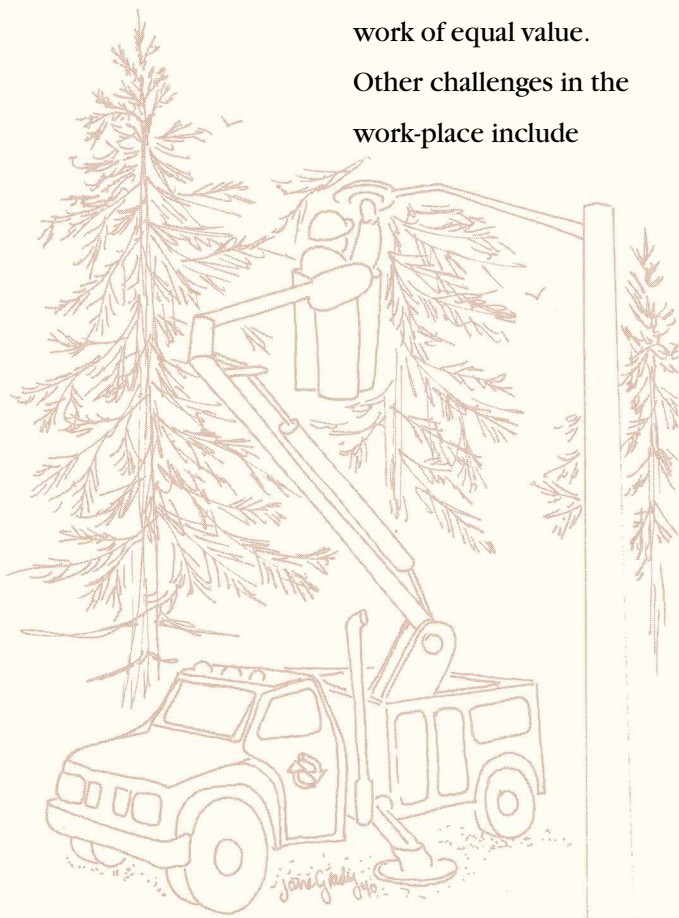
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information systems, accounting, public relations, procurement and real estate has grown by 35%. The “Employment Equity” program at NB Power will enter a significant phase with the beginning of a process that will result in pay equity or equal pay for work of equal value. Other challenges in the work-place include

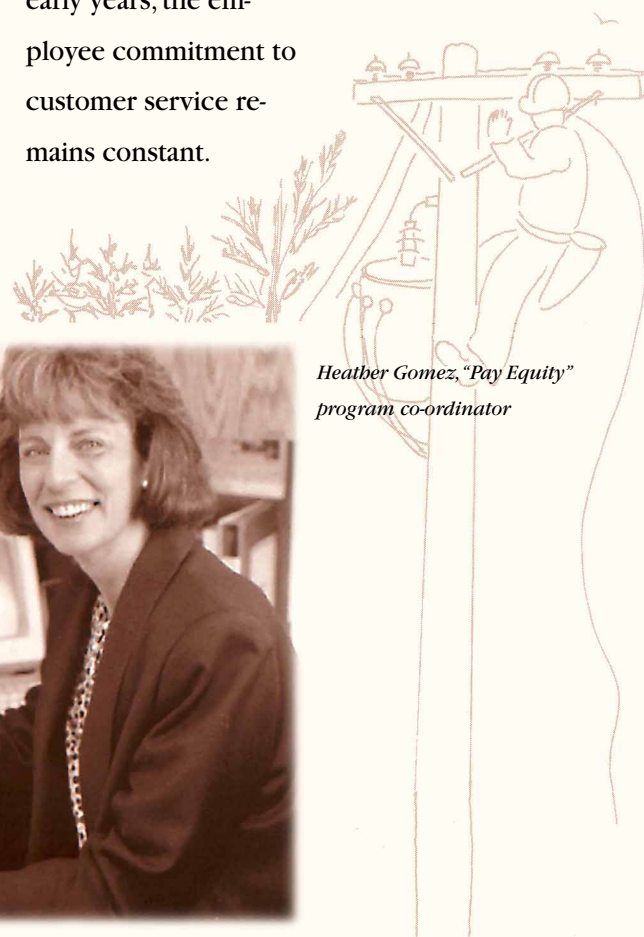
flexible hours, daycare, paternity leave and health and benefit programs that respond to the needs of employees.

Every decade since the 1920s has offered a different set of challenges for NB Power, but the goal of providing a safe reliable supply of electricity for New Brunswick has remained the same. Past challenges, however

difficult, were met by employees dedicated to the belief that their job was important if the benefits of electricity were to be supplied to all parts of the province. Although the challenges may be more complicated today than in the early years, the employee commitment to customer service remains constant.



*Heather Gomez, “Pay Equity”
program co-ordinator*



time line

NB Power generating plants

Plant	Plant type	Year of first service	Original Owner	Year acquired by NB Power	Year retired
Saint John (Dock Street)	Thermal (coal)	ca.1893	Consolidated Electric	1948	1976
Milltown	Hydro	1911	Canadian Cottons Ltd.	1958	n/a
Kouchibouguac	Hydro	1917	Richibucto & Rexton Power Company	1939	1953
Musquash	Hydro	1922	NB Power	n/a	n/a
Grand Falls	Hydro	1928	St. John River Power Co.	1959	n/a
Grand Manan	Diesel	1929	Grand Manan Light & Power Company	1939	n/a
Grand Lake I	Thermal (coal)	1931	NB Power	n/a	1967-76
Saint-Quentin	Diesel	1940	NB Power	n/a	1957*
Saint Stephen	Diesel	1946	Maritime Electric Co. Ltd.	1947	1952*
Andover	Diesel	1948	NB Power	n/a	1951*
Campobello	Diesel	1948	NB Power	n/a	1951
Chatham	Thermal (coal/oil)	1948	NB Power	n/a	n/a
Shippagan	Diesel	1948	NB Power	n/a	1951*
Grand LakeII	Thermal (coal)	1952	NB Power	n/a	n/a
Tobique	Hydro	1953	NB Power	n/a	n/a
Beechwood	Hydro	1957	NB Power	n/a	n/a
Courtenay Bay	Thermal (oil)	1961	NB Power	n/a	n/a
Sisson	Hydro	1965	NB Power	n/a	n/a
Mactaquac	Hydro	1968	NB Power	n/a	n/a
Dalhousie	Thermal (coal/oil)	1969	NB Power	n/a	n/a
Moncton	Combustion turbine	1971	NB Power	n/a	n/a
Coleson Cove	Thermal (oil)	1976	NB Power	n/a	n/a
Point Lepreau	Thermal (nuclear)	1983	NB Power	n/a	n/a
Grand Manan	Combustion turbine	1989	NB Power	n/a	n/a

* Removed from regular service-remained on standby for varying periods

